

# Derrick Kyei

Phone: (678) 457-4534

Email: [derrick.kyei50@gmail.com](mailto:derrick.kyei50@gmail.com)

Website: <https://derrickdk.github.io>

---

## SUMMARY

A results driven Software Engineer with experience in implementing advanced technologies and business solutions. Worked in coordinating with technical teams and stakeholders to manage large scale projects and deployment environments.

## EDUCATION:

**The University Of Georgia — Franklin College of Arts and Sciences**

*Bachelor of Science, Computer Science*

**Overall GPA: 3:58**

**Athens, GA**

*December 2019*

## CERTIFICATIONS:

AZ-900 Microsoft Azure Fundamentals

## TECHNICAL SKILLS:

**Proficient:** Java, Angular, Typescript, HTML, CSS, JavaScript, SQL

**Experience:** Python, C++, C, NodeJs, Bash/Shell, PowerShell, C#

**CI/CD Tools:** Azure Pipelines

**Build Tools:** Maven

**Operating Systems:** Unix, Linux, Windows, MacOS

**Other:** Agile, Scrum, Visual Studio Code, REST API, Microsoft Azure, Postman, Git, CodeCloud, iTrack, SQL Server Management Studio

## SOFT SKILLS:

Leadership, Communication, Problem Solving, Organization, Time Management, Strategic Planning, Design Thinking

## AT&T PROFESSIONAL EXPERIENCE:

### Senior Software Engineer - DataBricks

*January 2023 – March 2024*

- Experience in developing Spark applications using PySpark SQL in DataBricks for data ETL and aggregation from multiple file formats for analyzing and transforming data.
- Experience on data extraction of schemas, corrupt record handling, and code transformations.
- Good understanding of medallion architecture data design pattern used to logically organize data in Datalake house with the goal of incrementally and progressively improving the structure and quality of data in each layer of the architecture bronze silver gold layer tables using PySpark.

### Senior Specialist Software Engineer - Azure DevOps

*November 2021 – December 2022*

- Experienced in IaaS, PaaS, and SaaS services like compute virtual machines, virtual networks, resource groups, auto-scaling, monitoring, power-shell, automation, DNS, and VPN.
- Used Java to secure secrets in Azure key vault to maintain security amongst Java applications.

- Worked with Azure Monitoring tools such as Azure Log Analytics, Azure Network Watcher, and Azure Service Health, Azure Resource health to diagnose and minimize service degradation.
- Experienced in working on DevOps/Agile operations process and tools area unit testing, automation, build and release automation environment.
- Created infrastructure for application in Azure using Terraform. Building and Automating CICD pipelines for different applications.
- Experienced with version control tools such as GIT and Bitbucket. Comprehensive knowledge of source control concepts including branches, tags, pull requests, commits, and merges.

#### **TDP Software Engineer – HR Technology**

*March 2021 - November 2021*

- Migrated CompConnect, a legacy application rewritten from cold fusion to angular and NodeJs into the Azure Cloud. The project consisted of multiple business functions that are in scope to be migrated.
- Migrated HR Data Manager (HRDM) to AWS cloud. HRDM is a web application used by governance to track the approval, transmission, and storage of data disclosures with the primary goal of limiting data disclosures to the minimum necessary.

#### **TDP Software Engineer – Project Atlas**

*January 2020 - March 2021*

- Full-stack developer of web based application for technicians to use on residential product installs.
- Tasked with bug fixes, enhancements, and adding new features.
- Demoed new features to clients and product owners that helped with cost savings.

#### **TDP Software Engineer Intern – TDP app**

*June 2019 - August 2019*

- Front-end developer of social communication app for TDP helped increase communication, collaboration, and grow individual network.
- Agile development with intern innovation challenge team to develop a virtual reality app that leveraged 5G technology to tackle the issue of customer churn to help increase sales and improve customer service by anticipating needs and interest.

### **AT&T LEADERSHIP:**

#### **Diversity & Inclusion**

- Tasked with media planning, organizing, and overseeing events within DE&I.
- Designed monthly newsletter with information presented by newsletter team.

### **PERSONAL PROJECTS:**

#### **Messenger App**

**University of Georgia – December 2019**

- Used Java to create a native mobile android application leveraging firebase cloud technology to develop SMS application.

#### **Movie Rating Prediction Application**

**University of Georgia – Spring 2019**

- Used Java and SQL to pull in existing data from IMDB database to find the best fit regression modal to accurately predict genre ratings.

#### **Project Intercept**

**Atlanta, GA - November 2017**

- Attended Goodie Nation's hackathon to focus on producing startups to reduce violence by 40% by the year 2020 locally and globally.

- Team developed web-based communications platform to produce services to survivors of human trafficking